

#6

05-90  
0718

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## RAW SEQUENCE LISTING

DATE: 08/05/2002

PATENT APPLICATION: US/10/038,288A

TIME: 15:40:47

Input Set : N:\Crf3\07242002\J038288.raw

Output Set: N:\CRF4\08052002\J038288A.raw

1 <110> APPLICANT: Walke, D. Wade  
 2 Wilganowski, Nathaniel L.  
 3 Scoville, John  
 4 Zambrowicz, Brian  
 5 <120> TITLE OF INVENTION: Novel Human Secreted Proteins and Polynucleotides Encoding  
 the Same  
 6 <130> FILE REFERENCE: LEX-0268-USA  
 7 <140> CURRENT APPLICATION NUMBER: US/10/038,288A  
 8 <141> CURRENT FILING DATE: 2001-11-09  
 9 <150> PRIOR APPLICATION NUMBER: US 60/249,044  
 10 <151> PRIOR FILING DATE: 2000-11-15  
 11 <160> NUMBER OF SEQ ID NOS: 8  
 12 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 15 <211> LENGTH: 1302  
 16 <212> TYPE: DNA  
 17 <213> ORGANISM: homo sapiens  
 18 <400> SEQUENCE: 1

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20	tcctacacag	aaaccatta	tacttcaagt	ggtaaccctc	aaaccaccac	acggaaattg	120
21	gaggatcact	gcttttacca	cggcacggtg	agggagacag	aactgtccag	cgtcacgctc	180
22	agcacttgcc	gaggaattag	aggactgatt	acggtgagca	gcaacctcag	ctacgtcatc	240
23	gagccccctc	ctgacagcaa	gggccaacac	cttatattaca	gatctgaaca	tctcaagccg	300
24	ccccccctga	ccgggcggga	agtcctgacg	cccttcccag	gattggggcac	tgcggcagcc	360
25	ccggcacagg	gcggggccca	cctgaagcag	tgtgacctgc	tgaagctgtc	ccggcggcag	420
26	aagcagctct	gccggaggga	gcccgccctg	gctgagaccc	tgagggatgc	tgcgcacctc	480
27	ggcctgcttg	agtgccagtt	tcagttccgg	catgagcgct	ggaactgtag	cctggagggc	540
28	aggatgggcc	tgctcaagag	aggcttcaaa	gagacagctt	tcctgtacgc	ggtgtcctct	600
29	gccgccctca	cccacaccct	ggcccggggc	tgacgcgctg	ggcgcatgga	gcgctgcacc	660
30	tgtgatgact	ctccggggct	ggagagccgg	caggcctggc	agtggggcgt	gtgcggtgac	720
31	aacctcaagt	acagcaccaa	gtttctgagc	aacttcctgg	ggtccaagag	aggaaacaag	780
32	gacctgcggg	cacgggcaga	cgcccacaat	acccacgtgg	gcatcaaggc	tgtgaagagt	840
33	ggcctcagga	ccacgtgtaa	gtgccatggc	gtatcaggct	cctgtgccgt	gcgcacctgc	900
34	tggaagcagc	tctccccgtt	ccgtgagacg	ggccagggtg	tgaaactgcg	ctatgactcg	960
35	gctgtcaagg	tgtccagtgc	caccaatgag	gccttggggc	gcctagagct	gtgggcccct	1020
36	gccaggcagg	gcagcctcac	caaaggcctg	gccccaaagt	ctggggacct	ggtgtacatg	1080
37	gaggactcac	ccagcttctg	ccggcccagc	aagtactcac	ctggcacagc	aggtaggggtg	1140
38	tgctcccggg	aggccagctg	cagcagcctg	tgctgcgggc	ggggctatga	caccagagc	1200
39	cgctgggtgg	ccttctcctg	ccactgccag	gtgcagtggt	gctgctacgt	ggagtgccag	1260
40	caatgtgtgc	aggaggagct	tgtgtacacc	tgcaagcact	ag		1302
42	<210>	SEQ ID NO: 2					
43	<211>	LENGTH: 433					
44	<212>	TYPE: PRT					
45	<213>	ORGANISM: homo sapiens					

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46 &lt;400&gt; SEQUENCE: 2

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47 Met Ala Glu Gly Arg Glu Leu Ile Leu Asp Leu Glu Lys Asn Glu Gln
48 1 5 10 15
49 Leu Phe Ala Pro Ser Tyr Thr Glu Thr His Tyr Thr Ser Ser Gly Asn
50 20 25 30
51 Pro Gln Thr Thr Arg Lys Leu Glu Asp His Cys Phe Tyr His Gly
52 35 40 45
53 Thr Val Arg Glu Thr Glu Leu Ser Ser Val Thr Leu Ser Thr Cys Arg
54 50 55 60
55 Gly Ile Arg Gly Leu Ile Thr Val Ser Ser Asn Leu Ser Tyr Val Ile
56 65 70 75 80
57 Glu Pro Leu Pro Asp Ser Lys Gly Gln His Leu Ile Tyr Arg Ser Glu
58 85 90 95
59 His Leu Lys Pro Pro Pro Leu Thr Gly Arg Glu Val Leu Thr Pro Phe
60 100 105 110
61 Pro Gly Leu Gly Thr Ala Ala Ala Pro Ala Gln Gly Gly Ala His Leu
62 115 120 125
63 Lys Gln Cys Asp Leu Leu Lys Leu Ser Arg Arg Gln Lys Gln Leu Cys
64 130 135 140
65 Arg Arg Glu Pro Gly Leu Ala Glu Thr Leu Arg Asp Ala Ala His Leu
66 145 150 155 160
67 Gly Leu Leu Glu Cys Gln Phe Gln Phe Arg His Glu Arg Trp Asn Cys
68 165 170 175
69 Ser Leu Glu Gly Arg Met Gly Leu Leu Lys Arg Gly Phe Lys Glu Thr
70 180 185 190
71 Ala Phe Leu Tyr Ala Val Ser Ser Ala Ala Leu Thr His Thr Leu Ala
72 195 200 205
73 Arg Ala Cys Ser Ala Gly Arg Met Glu Arg Cys Thr Cys Asp Asp Ser
74 210 215 220
75 Pro Gly Leu Glu Ser Arg Gln Ala Trp Gln Trp Gly Val Cys Gly Asp
76 225 230 235 240
77 Asn Leu Lys Tyr Ser Thr Lys Phe Leu Ser Asn Phe Leu Gly Ser Lys
78 245 250 255
79 Arg Gly Asn Lys Asp Leu Arg Ala Arg Ala Asp Ala His Asn Thr His
80 260 265 270
81 Val Gly Ile Lys Ala Val Lys Ser Gly Leu Arg Thr Thr Cys Lys Cys
82 275 280 285
83 His Gly Val Ser Gly Ser Cys Ala Val Arg Thr Cys Trp Lys Gln Leu
84 290 295 300
85 Ser Pro Phe Arg Glu Thr Gly Gln Val Leu Lys Leu Arg Tyr Asp Ser
86 305 310 315 320
87 Ala Val Lys Val Ser Ser Ala Thr Asn Glu Ala Leu Gly Arg Leu Glu
88 325 330 335
89 Leu Trp Ala Pro Ala Arg Gln Gly Ser Leu Thr Lys Gly Leu Ala Pro
90 340 345 350
91 Arg Ser Gly Asp Leu Val Tyr Met Glu Asp Ser Pro Ser Phe Cys Arg
92 355 360 365
93 Pro Ser Lys Tyr Ser Pro Gly Thr Ala Gly Arg Val Cys Ser Arg Glu
94 370 375 380

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95      Ala Ser Cys Ser Ser Leu Cys Cys Gly Arg Gly Tyr Asp Thr Gln Ser
96      385                      390                      395                      400
97      Arg Leu Val Ala Phe Ser Cys His Cys Gln Val Gln Trp Cys Cys Tyr
98                      405                      410                      415
99      Val Glu Cys Gln Gln Cys Val Gln Glu Glu Leu Val Tyr Thr Cys Lys
100                      420                      425                      430
101      His
103 <210> SEQ ID NO: 3
104 <211> LENGTH: 1092
105 <212> TYPE: DNA
106 <213> ORGANISM: homo sapiens
107 <400> SEQUENCE: 3
108      atgaaaggac gggcagtttc ttttgatcct ctggcatgcc aaggcctgaa tgccagtcct      60
109      gggagcctta ccagccctct aagaagaatc agaagcctga ccgggcggga agtcctgacg      120
110      cccttcccag gattggggcac tgcggcagcc ccggcacagg gcggggccca cctgaagcag      180
111      tgtgacctgc tgaagctgtc ccggcggcag aagcagctct gccggaggga gcccggcctg      240
112      gctgagaccc tgagggatgc tgcgcacctc ggctgtcttg agtgccagtt tcagttccgg      300
113      catgagcgct ggaactgtag cctggagggc aggatgggcc tgctcaagag aggcctcaaa      360
114      gagacagctt tcctgtacgc ggtgtcctct gccgccctca cccacaccct ggcccgggcc      420
115      tgcagcgctg ggcgcatgga gcgctgcacc tgtgatgact ctccgggggct ggagagccgg      480
116      caggcctggc agtgggggcgt gtgcggtgac aacctcaagt acagcaccaa gtttctgagc      540
117      aacttcctgg ggtccaagag aggaaacaag gacctgcggg cacgggcaga cgcccacaat      600
118      acccacgtgg gcatcaaggc tgtgaagagt ggccctcagga ccacgtgtaa gtgccatggc      660
119      gtatcaggct cctgtgccgt gcgcacctgc tggaagcagc tctccccgtt ccgtgagacg      720
120      ggccagggtg tgaaactgcg ctatgactcg gctgtcaagg tgtccagtgc caccaatgag      780
121      gccttggggc gcctagagct gtggggcccct gccaggcagg gcagcctcac caaaggcctg      840
122      gcccgaaggt ctggggacct ggtgtacatg gaggactcac ccagcttctg ccggcccagc      900
123      aagtactcac ctggcacagc aggtagggtg tgctcccggg aggccagctg cagcagcctg      960
124      tgctgcgggc ggggctatga caccagagc cgccctggtg ccttctcctg cactgcccag      1020
125      gtgcagtggt gctgctacgt ggagtgccag caatgtgtgc aggaggagct tgtgtacacc      1080
126      tgcaagcact ag                                          1092
128 <210> SEQ ID NO: 4
129 <211> LENGTH: 363
130 <212> TYPE: PRT
131 <213> ORGANISM: homo sapiens
132 <400> SEQUENCE: 4
133      Met Lys Gly Arg Ala Val Ser Phe Asp Pro Leu Ala Cys Gln Gly Leu
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135      Asn Ala Ser Pro Gly Ser Leu Thr Ser Pro Leu Arg Arg Ile Arg Ser
136                      20                      25                      30
137      Leu Thr Gly Arg Glu Val Leu Thr Pro Phe Pro Gly Leu Gly Thr Ala
138                      35                      40                      45
139      Ala Ala Pro Ala Gln Gly Gly Ala His Leu Lys Gln Cys Asp Leu Leu
140                      50                      55                      60
141      Lys Leu Ser Arg Arg Gln Lys Gln Leu Cys Arg Glu Pro Gly Leu
142      65                      70                      75                      80
143      Ala Glu Thr Leu Arg Asp Ala Ala His Leu Gly Leu Leu Glu Cys Gln
144                      85                      90                      95
145      Phe Gln Phe Arg His Glu Arg Trp Asn Cys Ser Leu Glu Gly Arg Met

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146		100		105		110	
147	Gly	Leu	Leu	Lys	Arg	Gly	Phe
148		115		120		125	
149	Ser	Ser	Ala	Ala	Leu	Thr	His
150		130		135		140	
151	Arg	Met	Glu	Arg	Cys	Thr	Cys
152		145		150		155	
153	Gln	Ala	Trp	Gln	Trp	Gly	Val
154		165		170		175	
155	Lys	Phe	Leu	Ser	Asn	Phe	Leu
156		180		185		190	
157	Arg	Ala	Arg	Ala	Asp	Ala	His
158		195		200		205	
159	Lys	Ser	Gly	Leu	Arg	Thr	Thr
160		210		215		220	
161	Cys	Ala	Val	Arg	Thr	Cys	Trp
162		225		230		235	
163	Gly	Gln	Val	Leu	Lys	Leu	Arg
164		245		250		255	
165	Ala	Thr	Asn	Glu	Ala	Leu	Gly
166		260		265		270	
167	Gln	Gly	Ser	Leu	Thr	Lys	Gly
168		275		280		285	
169	Tyr	Met	Glu	Asp	Ser	Pro	Ser
170		290		295		300	
171	Gly	Thr	Ala	Gly	Arg	Val	Cys
172		305		310		315	
173	Cys	Cys	Gly	Arg	Gly	Tyr	Asp
174		325		330		335	
175	Cys	His	Cys	Gln	Val	Gln	Trp
176		340		345		350	
177	Val	Gln	Glu	Glu	Leu	Val	Tyr
178		355		360			

180 <210> SEQ ID NO: 5  
181 <211> LENGTH: 1726  
182 <212> TYPE: DNA  
183 <213> ORGANISM: homo sapiens  
184 <400> SEQUENCE: 5

185	ttcagcctgg	ttaagtccaa	gctgaattcg	cggccgcttg	atggacaaga	ggaagtgagg	60
186	aaggcagccc	caagctgcag	catgaactta	tcatacctca	gtggaagact	tcagaaagcc	120
187	ccgtgagaga	aaagcatcca	ctcaaagctg	agctcagggt	aatggctgag	gggcgagaac	180
188	tgatcctgga	cctggagaag	aatgagcaac	tttttgctcc	ttcctacaca	gaaacccatt	240
189	atacttcaag	tggtaacctt	caaaccacca	cacggaaatt	ggaggatcac	tgcttttacc	300
190	acggcacggt	gagggagaca	gaactgtcca	gcgtcacgct	cagcacttgc	cgaggaatta	360
191	gaggactgat	tacggtgagc	agcaacctca	gctacgtcat	cgagcccctc	cctgacagca	420
192	agggccaaca	ccttatattac	agatctgaac	atctcaagcc	gccccccctg	accggggcggg	480
193	aagtcctgac	gcccttccca	ggattgggca	ctgcggcagc	cccggcacag	ggcggggccc	540
194	acctgaagca	gtgtgacctg	ctgaagctgt	cccggcgcca	gaagcagctc	tgccggagggg	600
195	agcccggcct	ggctgagacc	ctgagggatg	ctgcgcacct	cggcctgctt	gagtgccagt	660

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196   ttcagttccg gcatgagcgc tggaaactgta gcctggaggcg caggatgggc ctgctcaaga      720
197   gaggcttcaa agagacagct ttcctgtacg cgggtgcctc tgccgccctc acccacaccc      780
198   tggcccgggc ctgcagcgct gggcgcatgg agcgctgcac ctgtgatgac tctccggggc      840
199   tggagagccg gcaggcctgg cagtggggcg tgtgcggtga caacctcaag tacagcacca      900
200   agttttctgag caacttcctg gggccaaga gaggaacaa ggacctgcgg gcacgggcag      960
201   acgcccacaa taccacagtg ggcatacagg ctgtgaagag tggcctcagg accacgtgta     1020
202   agtgccatgg cgtatcaggc tcctgtgccc tgcgcacctg ctggaagcag ctctccccgt     1080
203   tccgtgagac gggccagggt ctgaaactgc gctatgactc ggctgtcaag gtgtccagtg     1140
204   ccaccaatga ggccttgggc cgcctagagc tgtggggccc tgccaaggcag ggcagcctca     1200
205   ccaaaggcct ggccccaagg tctggggacc tgggtgtacat ggaggactca cccagcttct     1260
206   gccggcccag caagtactca cctggcacag caggtagggg gtgctcccgg gaggccagct     1320
207   gcagcagcct gtgctgcggg cggggctatg acaccagag ccgcctgggt gccttctcct     1380
208   gccactgcca ggtgcagtgg tgcctgctac tggagtgcc gcaatgtgtg caggaggagc     1440
209   ttgtgtacac ctgcaagcac taggcctact gccagcaag ccagtctggc actgycagga     1500
210   cctcctgtgg cacccttcaa gctgcccagc cggccctctg ggcagactgt catcacatgc     1560
211   atgcataaac cggcatgtgt gccaatgcac acgagtgtgc cactcaccac cattccttgg     1620
212   ccagcctttt gcctccctcg atactcaaca aagagaagca aagcctcctc ccttaacca      1680
213   agcatcccca accttgttga ggacttgagg aggagggcag agtgag      1726

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215 &lt;210&gt; SEQ ID NO: 6

216 &lt;211&gt; LENGTH: 255

217 &lt;212&gt; TYPE: DNA

218 &lt;213&gt; ORGANISM: homo sapiens

219 &lt;400&gt; SEQUENCE: 6

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220   atgttcaggg ccctatcctg tgccatcccc aaagggttct tctccttact aagcagggta      60
221   gaagaggcta cgtgttgcat agagaaattg tctttgagga ccagcactca ccatcaagtt     120
222   catgttgagg gccaaacctg tccacctaaag tgcctttgca ccacacactt ctaccactgg     180
223   gaatctgtac aaaaagagga gaatgtgagt tattctaaca ctttgaggat aggaagaggg     240
224   atcaataaaa cctga      255

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226 &lt;210&gt; SEQ ID NO: 7

227 &lt;211&gt; LENGTH: 84

228 &lt;212&gt; TYPE: PRT

229 &lt;213&gt; ORGANISM: homo sapiens

230 &lt;400&gt; SEQUENCE: 7

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231   Met Phe Arg Ala Leu Ser Cys Ala Ile Pro Lys Gly Leu Leu Ser Leu
232       1           5           10           15
233   Leu Ser Arg Val Glu Glu Ala Thr Cys Cys Ile Glu Lys Leu Ser Leu
234           20           25           30
235   Arg Thr Ser Thr His His Gln Val His Val Glu Gly Gln Thr Cys Pro
236           35           40           45
237   Pro Lys Cys Leu Cys Thr Thr His Phe Tyr His Trp Glu Ser Val Gln
238           50           55           60
239   Lys Glu Glu Asn Val Ser Tyr Ser Asn Thr Leu Arg Ile Gly Arg Gly
240           65           70           75           80
241   Ile Asn Lys Thr

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244 &lt;211&gt; LENGTH: 476

245 &lt;212&gt; TYPE: DNA

246 &lt;213&gt; ORGANISM: homo sapiens

247 &lt;400&gt; SEQUENCE: 8

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/05/2002  
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Input Set : N:\Crf3\07242002\J038288.raw  
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